In re Application of: Gil LEVY
Serial No.: 10/574,372
Filed: December 1, 2006
Office Action Mailing Date: September 9, 2010

Examiner: GILBERT Samuel G.
Group Art Unit: 3735
Attorney Docket: **44177**
Confirmation No.: 2266

In the Claims:

1. (Currently Amended) A device for implantation in a pelvis, the device comprising:

a sheet having a perimeter; and

a frame for holding said sheet at a portion of said perimeter, wherein said frame comprises:

a first arm;

a second arm; and

a connecting element, comprising an elastic material, connecting said first arm and said second arm.

2. (Original) The device of claim 1, wherein said sheet comprises a first layer and a second layer, and wherein said frame is positioned between said first and second layers.

3. (Original) The device of claim 1, wherein said sheet is selected from the group consisting of a mesh, a sheath, a diaphragm and a divider.

4. (Original) The device of claim 1, wherein said sheet is comprised of biological material.

5. (Original) The device of claim 1, wherein said sheet has a substantially flat configuration.

6. (Original) The device of claim 1, wherein said frame comprises biodegradable material.

7. (Original) The device of claim 1, wherein said frame comprises flexible material.

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8. (Original) The device of claim 1, wherein said connecting element includes a pivot or a ratchet.

9. (Original) The device of claim 1, wherein said connecting element is an angled member.

10. (Cancelled)

11. (Original) The device of claim 1, further comprising an adjusting element for controlling a proximity of said first arm to said second arm.

12. (Original) The device of claim 11, wherein said adjusting element is selected from the group consisting of a wire, a ratcheting device and a pulley wire.

13. (Currently Amended) A device for treating prolapse of a pelvic organ, the device comprising:

a flexible sheet; and

a frame in contact with said sheet, wherein said frame comprises:

a first arm;

a second arm; and

a connecting element, comprising elastic material, connecting said first arm and said second arm,

said frame having a first configuration in which said frame is compressed, thereby causing said sheet to be configured in a compressed position, and said frame having a second configuration in which said frame is expanded, thereby allowing said sheet to be configured in an expanded position.

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14. (Original) The device of claim 13, wherein said flexible sheet comprises a first layer and a second layer, and wherein said frame is positioned between said first and second layers.

15. (Original) The device of claim 13, wherein said sheet is selected from the group consisting of a mesh, a sheath, a diaphragm and a divider.

16. (Original) The device of claim 13, wherein said sheet is comprised of biological material.

17. (Cancelled)

18. (Original) The device of claim 13, wherein said frame comprises biodegradable material.

19. (Original) The device of claim 13, wherein said frame comprises flexible material.

20. (Currently Amended) The device of claim ~~17~~13, wherein said connecting element includes a pivot or a ratchet.

21. (Currently Amended) The device of claim ~~17~~13, wherein said connecting element is an angled member.

22. (Cancelled)

23. (Original) The device of claim 13, further comprising an adjusting element for controlling a proximity of said first arm to said second arm.

24. (Original) The device of claim 23, wherein said adjusting element is selected from the group consisting of a wire, a ratcheting device and a pulley wire.

25. (Cancelled)

26. (Currently Amended) A sutureless implantable device for supporting a pelvic organ~~The device of claim 25~~, comprising a frame and a sheet, said frame in supportive contact with said sheet, and wherein both said sheet and said frame have contoured edges,

wherein said frame comprises:

a first arm;

a second arm; and

a connecting element comprising elastic material connecting said first arm and said second arm.

27. (Original) The device of claim 26, wherein said sheet comprises a first layer and a second layer, and wherein said frame is positioned between said first and second layers.

28. (Original) The device of claim 26, wherein said sheet is selected from the group consisting of a mesh, a sheath, a diaphragm and a divider.

29. (Original) The device of claim 26, wherein said sheet is comprised of biological material.

30. (Original) The device of claim 26, wherein said sheet has a substantially flat configuration.

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31. (Original) The device of claim 26, wherein said frame comprises biodegradable material.

32. (Original) The device of claim 26, wherein said frame comprises flexible material.

33. (Cancelled)

34. (Currently Amended) The device of claim ~~33~~26, wherein said connecting element includes a pivot or a ratchet.

35. (Currently Amended) The device of claim ~~33~~26, wherein said connecting element is an angled member.

36. (Cancelled)

37. (Currently Amended) The device of claim ~~33~~26, further comprising an adjusting element for controlling a proximity of said first arm to said second arm.

38. (Original) The device of claim 37, wherein said adjusting element is selected from the group consisting of a wire, a ratcheting device and a pulley wire.

39. (Currently Amended) A method for treating prolapse of a pelvic organ, the method comprising:

providing a device comprising a sheet and a frame in contact with said sheet, said frame having a first configuration in which said frame is compressed and having a second configuration in which said frame is expanded;

compressing said frame into said first configuration;

introducing said device through a vagina;

inserting said device into a space between said vagina and said pelvic organ; and

expanding said frame into said second configuration, wherein said expanding includes anchoring said frame into an anatomical structure,

wherein said frame comprises:

a first arm;

a second arm; and

a connecting element, comprising an elastic material, connecting said first arm and said second arm.

40. (Original) The method of claim 39, wherein said compressing comprises pulling a wire.

41. (Original) The method of claim 39, wherein said compressing comprises ratcheting.

42. (Original) The method of claim 39, wherein said compressing comprises bending a portion of said frame.

43. (Original) The method of claim 39, wherein said inserting comprises inserting said device into a space between said vagina and a bladder.

44. (Original) The method of claim 39, wherein said inserting comprises inserting said device into a space between said vagina and a rectum.

45. (Original) The method of claim 39, wherein said expanding comprises pulling a wire.

46. (Original) The method of claim 42, wherein said expanding comprises unbending said portion of said frame.

47. (Original) The method of claim 39, wherein said anatomical structure is a pelvic side-wall.

48. (Original) The method of claim 39, wherein said anatomical structure is a para-rectal compartment.

49. (New) The method of claim 39, wherein said space is provided by surgery.

50. (New) The method of claim 43, wherein said space is provided by surgery.